

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
Welcome
United States Patent and Trademark Office

IEEE Xplore®
1 MILLION DOCUMENTS
1 MILLION USERS

Help FAQ Terms IEEE Peer Review Quick Links

» Search Results

Member Benefits

- Name
- What Can I Access?
- Log-out

Publications

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Log In

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

Access the IEEE Xplore® Subject

Your search matched **10** of **1105713** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

`idct <and> mpeg2`

Check to search within this result set

Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

1 Pel reconstruction on FPGA-augmented TriMedia

Sima, M.; Cotofana, S.D.; Vassiliadis, S.; van Eijndhoven, J.T.J.; Vissers, K.A.; Very Large Scale Integration (VLSI) Systems, IEEE Transactions on , Volume: 12 , Issue: 6 , June 2004
Pages:622 - 635

[Abstract] [PDF Full-Text (816 KB)] IEEE JNL

2 A low-power IDCT macrocell for MPEG2 MP@ML exploiting data distribution properties for minimal activity

Xanthopoulos, T.; Chandrakasan, A.; VLSI Circuits, 1998. Digest of Technical Papers. 1998 Symposium on , 11-13 June 1998
Pages:38 - 39

[Abstract] [PDF Full-Text (276 KB)] IEEE CNF

3 Video DSP architecture for MPEG2 codec

Araki, T.; Toyokura, M.; Akiyama, T.; Takeno, H.; Wilson, B.; Aono, K.; Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE International Conference on , Volume: ii , 19-22 April 1994
Pages:II/417 - II/420 vol.2

[Abstract] [PDF Full-Text (288 KB)] IEEE CNF

4 New MPEG2 decoder architecture using frequency scaling

Jeong-Min Kim; Soo-Ik Chae; Circuits and Systems, 1996. ISCAS '96., 'Connecting the World',, 1996 IEEE International Symposium on , Volume: 4 , 12-15 May 1996
Pages:253 - 256 vol.4

[Abstract] [PDF Full-Text (368 KB)] IEEE CNF

5 Design of inverse DCT unit and motion compensator for MPEG2 HDTV decoding

Onoye, T.; Morimoto, Y.; Masaki, T.; Shirakawa, I.; Circuits and Systems, 1994. APCCAS '94., 1994 IEEE Asia-Pacific Conference on , 5-8 Dec. 1994
Pages:608 - 613

[Abstract] [PDF Full-Text (632 KB)] IEEE CNF

6 Source adaptive software 2D IDCT with SIMD*Winger, L.L.;*

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000 IEEE International Conference on , Volume: 6 , 5-9 June 2000
Pages:3642 - 3645 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) [IEEE CNF](#)**7 A 2.2 GOPS video DSP with 2-RISC MIMD, 6-PE SIMD architecture for real-time MPEG2 video coding/decoding**

Iwata, E.; Seno, K.; Aikawa, M.; Ohki, M.; Yoshikawa, H.; Fukuzawa, Y.; Hanaki, H.; Nishibori, K.; Kondo, Y.; Takamuki, H.; Nagai, T.; Hasegawa, K.; Okuda, H.; Kumata, I.; Soneda, M.; Iwase, S.; Yamazaki, T.; Solid-State Circuits Conference, 1997. Digest of Technical Papers. 44th ISSCC., 1997 IEEE International , 6-8 Feb. 1997
Pages:258 - 259, 469

[\[Abstract\]](#) [\[PDF Full-Text \(844 KB\)\]](#) [IEEE CNF](#)**8 High performance IDCT realization using complex arithmetic***Kar-Lik Wong; Topham, N.;*

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2003 IEEE International Conference on , Volume: 2 , 6-10 April 2003
Pages:II - 313-16 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) [IEEE CNF](#)**9 Fast 2D IDCT implementation with multimedia instructions for a software MPEG2 decoder***Murata, E.; Ikekawa, M.; Kuroda, C.;*

Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of the 1998 IEEE International Conference on , Volume: 5 , 12-15 May 1998
Pages:3105 - 3108 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) [IEEE CNF](#)**10 Special memory and embedded memory macros in MPEG environment**

Otomo, G.; Hara, H.; Oto, T.; Seta, K.; Kitagaki, K.; Ishiwata, S.; Michinaka, S.; Shimazawa, T.; Matsui, M.; Demura, T.; Koyama, M.; Watanabe, Y.; Sano, F.; Chiba, A.; Matsuda, K.; Sakurai, T.; Custom Integrated Circuits Conference, 1995., Proceedings of the IEEE 1995 , 1-4 May 1995
Pages:139 - 142

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) [IEEE CNF](#)

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

Welcome
United States Patent and Trademark Office

IEEE Xplore®
1 Million Documents
1 Million Users

Help FAQ Terms IEEE Peer Review Quick Links Search Results

Your search matched **3** of **1105713** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.
idct <and> subset Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Minimal error drift in frequency scalability for motion-compensated DCT coding
Mokry, R.; Anastassiou, D.;
Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 4 , Issue: 4 , Aug. 1994
Pages:392 - 406, 447-8, 499

[Abstract] [PDF Full-Text (1172 KB)] **IEEE JNL**

2 SpC: synthesis of pointers in C application of pointer analysis to the behavioral synthesis from C
Semeria, L.; De Micheli, G.;
Computer-Aided Design, 1998. ICCAD 98. Digest of Technical Papers. 1998 IEEE/ACM International Conference on , 8-12 Nov. 1998
Pages:340 - 346

[Abstract] [PDF Full-Text (676 KB)] **IEEE CNF**

3 A video digital signal processor with a vector-pipeline architecture
Toyokura, M.; Okamoto, K.; Kodama, H.; Ohtani, A.; Araki, T.; Aono, K.;
Solid-State Circuits Conference, 1992. Digest of Technical Papers. 39th ISSCC, 1992 IEEE International , 19-21 Feb. 1992
Pages:72 - 73, 248

[Abstract] [PDF Full-Text (212 KB)] **IEEE CNF**



Welcome
United States Patent and Trademark
Office

IEEE Xplore
1 Million Documents
1 Million Users

Help FAQ Terms IEEE Peer Review Quick Links Search Results

Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

SEARCH

- Journals & Magazines
- Conference Proceedings
- Standards

SEARCH

- By Author
- Basic
- Advanced
- CrossRef

SEARCH

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

SEARCH

- Access the IEEE Enterprise File Cabinet

Your search matched **7** of **1105713** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

idct <and> select

Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 From algorithms to hardware architectures: a comparison of regular and irregular structured IDCT algorithms

Schneider, C.; Kayss, M.; Hollstein, T.; Deicke, J.;
Design, Automation and Test in Europe, 1998., Proceedings , 23-26 Feb. 1998

Pages:186 - 190

[Abstract] [PDF Full-Text (36 KB)] IEEE CNF

2 A mode-changeable 2-D DCT/IDCT processor for digital VCR

Seung-Kwon Paek; Ji-Heup Kim; Byung-Sup Kwon; Dae-Hyun Chung;
Lee-Sup Kim;
Consumer Electronics, IEEE Transactions on , Volume: 42 , Issue: 3 , Aug. 1996

Pages:606 - 616

[Abstract] [PDF Full-Text (1024 KB)] IEEE JNL

3 The ManArray™ embedded processor architecture

Pechanek, G.G.; Vassiliadis, S.;
Euromicro Conference, 2000. Proceedings of the 26th , Volume: 1 , 5-7 Sept. 2000
Pages:348 - 355 vol.1

[Abstract] [PDF Full-Text (548 KB)] IEEE CNF

4 Distortion/decoding time tradeoffs in software DCT-based image coding

Lengwehasatit, K.; Ortega, A.;
Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on , Volume: 4 , 21-24 April 1997
Pages:2725 - 2728 vol.4

[Abstract] [PDF Full-Text (404 KB)] IEEE CNF

5 An efficient technique for error-free algebraic-integer encoding for high performance implementation of the DCT and IDCT

Minyi Fu; Dimitrov, V.S.; Jullien, G.A.;
Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on , Volume: 4 , 6-9 May 2001
Pages:906 - 909 vol. 4

[Abstract] [PDF Full-Text (240 KB)] IEEE CNF

6 An automatic word length determination method

Cantin, M.-A.; Savaria, Y.; Prodanos, D.; Lavoie, P.;
Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International
Symposium on , Volume: 5 , 6-9 May 2001
Pages:53 - 56 vol. 5

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) [IEEE CNF](#)

7 A low-power IDCT macrocell for MPEG2 MP@ML exploiting data distribution properties for minimal activity

Xanthopoulos, T.; Chandrakasan, A.;
VLSI Circuits, 1998. Digest of Technical Papers. 1998 Symposium on , 11-13
June 1998
Pages:38 - 39

[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) [IEEE CNF](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4354	(IDCT or (inverse\$1 adj discrete\$1 adj cosine))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 09:25
L2	3655	1 and decod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 09:26
L3	235	2 and "708"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 09:26
L4	223	708/402.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 09:46
L5	96	decoder\$1 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 09:47
L6	84	5 and (select\$3 or switch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 09:48
L7	65	1 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 09:48
L8	63	7 and inverse\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 09:48
L9	6	("5883823").URPN.	USPAT	OR	ON	2004/12/21 09:57
L10	3	("5216516" "5576958" "5739873").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 09:58